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DPD-3776-59

5 June 1959

MEMORANDUM FOR: Director of Operations, DPD-DD/P

SUBJECT : Installation of Navigational Aids on Agency and C-118 Aircraft

REFERENCES : (a) Memorandum to Chief, Air Section dated 23 March 1959, same subject
(b) General Precision Laboratory, Inc., Quotation for Retrofit of C-118 to Purchase and Install Radan System PC-212
(c) Estimate of N-1 Compass Purchase and Installation

1. As a result of a verbal request by Major Stutzer to get a more definitive cost proposal, the attached quotation from General Precision Laboratory, Inc. for the retrofit of C-118 Agency aircraft to purchase and install Radan System PC-212 is submitted along with an estimate of an N-1 compass purchase and installation. These estimates are submitted for your information.

2. [REDACTED], DPD Air Section, has indicated that he desires to forego the installation of an ABN-7 or ABN-25 navigation computer and wants to install only the PC-212 Radan Navigation System to be interconnected with the N-1 compass system. 25X1

3. In view of the above statement of requirements, costs are broken down as follows for retrofit of two C-118 aircraft:

a. Radan Navigation System (PC-212):

(1)	Installation Design and Engineering	\$ 4,006.93
(2)	Installation of PC-212	18,430.89
(3)	Procurement of 2 each PC-212	40,700.00
*(4)	Procurement of 1 fly-a-way Kit (FE)	8,200.00
*(5)	Procurement of 1 set Special Test Equipment (FE)	<u>5,500.00</u>
		\$76,837.82

*Only one FAK and one Special Test Equipment included. The ZI based C-118 will be supported from AF assets. It is not believed that the FAK assets will be adequate during FY-1960 to support our C-118.

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b. H-1 Compass System (2 aircraft):

(1) Equipment Costs (Group A&B parts)	\$ 9,316.00
(2) Engineering and Installation	<u>15,000.00</u>
	\$24,316.00

c. Summary:

(1) Radar (AFB-100)	\$ 76,837.82
(2) H-1 Compass	<u>24,316.00</u>
	\$101,153.82

4. It is recommended that the equipment listed above be installed in the C-118 aircraft as early in FY 1960 as operations will permit.

5. FY 1960 funds in the amount of \$100,000 have been included to cover costs associated with this retrofit.

SIGNED

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Chief, Material Branch
HQB-20/P

Attachment: (1)

COORDINATION:

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HQB/AFB SECTION

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HQB/CONTROLLER

Date

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